



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of:

Aronson et al.

Serial No. 09/777,917

Filed: February 5, 2001

For: Integrated Memory Mapped Controller
Circuit for Fiber Optics Transceiver

) Art Unit: 2633
)
) Examiner:
) unknown
)
) Attorney Docket:
) 9775-0052-999
)
) September 18, 2002
)

#5/A
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10-1-02

PRELIMINARY AMENDMENT

RECEIVED

Assistant Commissioner for Patents
Washington, D.C. 20231

SEP 20 2002

Technology Center 2600

Dear Sir:

This Amendment is submitted prior to receipt of a first office action.

IN THE CLAIMS:

Marked up versions of all revised claims, showing insertions and deletions, are included in Appendix A.

Rewrite the claims, and add new claims as follows:

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- 1 1. A single-chip integrated circuit for controlling an optoelectronic transceiver having a
- 2 laser transmitter and a photodiode receiver, comprising:
- 3 memory, including one or more memory arrays for storing information related to the
- 4 transceiver;
- 5 analog to digital conversion circuitry for receiving a plurality of analog signals from
- 6 the laser transmitter and photodiode receiver, converting the received analog signals into
- 7 digital values, and storing the digital values in predefined locations within the memory;
- 8 control circuitry configured to generate control signals to control operation of the laser
- 9 transmitter in accordance with one or more values stored in the memory;
- 10 an interface for reading from and writing to locations within the memory; and